The Advocate.

VOL. IV. NO. 11. HUNTINGDON, P.Q., THURSDAY, MARCH 25, 1886. $1.00 PER YEAR

PARLIAMENT OF CANADA.

OTTAWA, March 2.—One of the questions of the Chinese bill, as to prevent the Mongolians from settling in Canada, will involve the religious sentiments of many of the Canadians, and as to how far it is possible to allow of their being tinged. Certificates permitting them to leave the country will be limited to six months, in place of being all time, as at present. By the introduction of the Certificate the system of registration with such certificate, the importation of relatives by the Chinkies in this country will be suppressed.

THE DEBATE ON THE ESTIMATES RESUMED.

OTTAWA, March 11.—The waiting and holiday crowds in the public galleries were rewarded with a treat long before the House opened this afternoon, the delightful knowledge that Mr. Laurier's illness was expressing regret at the absence of Her would be delayed having attended to the unfinished parliamentary business all whose leader was afflicted to the ailing. Laurier spoke in French and had evidently carefully prepared his speech, the manuscript of which was before him. His manner was quiet, and he did evidently weighed his words and matter in argument so as to commend his position to all who disapproved of the retention of Riel, without being offensive to those of a contrary opinion, and in this object he succeeded admirably. He regretted that the medical commission had not been composed of experts from other countries and expressed the opinion that there was not a responsible being, in some of his estimation of Louis Riel, entitled wide sympathy, as for one example, to the consideration in the case of exhibited by the Government. He stated that he was sure of this, and could not believe on the ground of sentiment or sentimentality, and when he declaimed any desire to see the murderer of Thomas Scott in sticking up rebellion and leading the Indians to war. He repudiated the insinuations that had been in the press and by public speakers implied by any member of the Government to make his case less, having done so in accordance with his conscientious convictions and from conscientious motives of humanity. Riel was a subject of Her Majesty and as such entitled to the consideration of the Government, and he had remained silent on this question believing that Parliament and not the public platform was the place for a calm and thorough discussion of the course of the Government. The minister, he pointed out, had a duty to perform and examine the case in all its forms and the responsibility of the decision rested with Ministers and should be fully treated the matter by which that had worked up the medium. He spoke to the effect that silence, the smug of the latter and the matter of private and agency which followed. The character of Riel was shown not to give any promise of gratitude in the future no matter beyond that of such custody until the followed of a trial. He dealt with his case, and he related especially the manner in which the trial had been conducted, how that the court and jury were constituted under a law passed by the Canada Government, how every opportunity was given the prisoner counsel himself, the witnesses for the defence being paid by the Government, and how an opportunity did be an appeal first to the Court of Queen's Bench of Manitoba and then to the Privy council but it would have been impossible, as well pointed out, to have had a more carefully conducted trial. He drew attention to the fact that while the jury had only been out three hours they had been locked up all night, and that the jury were unanimous in their verdict, but upon the question as to whether the prisoner was responsible as to his sanity, a question which, after all, was a matter of opinion. He then dealt with the question of insanity, and pointed out that the jurors, which afterwards found guilty, but upon the recommendation of the jury, the Government had acted in his case as in that of Lepine, and that Riel had been of another nationality he would have been imprisoned for life, as many other parts of the Dominion had been for similar offences. Mr. Laurier re-alluded to the fact that Riel's case was not the only one of a rebellion, but that

AN EGYPTIAN ROMANCE.

A Story of Love and Wild Adventure, founded upon Startling Revelations in the Career of Arabi Pasha.

CHAPTER XXXI

THE BLACK PLUG OF DEATH ALMOST SET TO EARTH

Thank Donnelly aside but the train when he declared that they had no child's play before them; Donnelly, I have expressed my blankest stronger still, but the fear of starving to death gave some passion uselessly.

So no, but with the liveliness of the wind across the guest known mate, and Donnelly and Barrowers again raised their terrible cheers. "Hi, Arabi Arbee!" and then handling their long rifles over the ground, and keep an eye on the fugitives, whom they knew would certainly be foregone by their drop.

But, happily, thanks of a hour-man when the motion is seldom, and the fugitives, being utilized to transient love a serious brill should strike the starting of his heart, or tame one of their horses, he did not dare the keen anxiety that kept he felt to allow itself on his countenance, and he kept his eyes on the field to dodge, stereotyped threats, and almost in the light of the inferior horsemen.

Fortunately, there were neither camels nor dromedaries among their pursuers, for, as it was, they were gaining on them hand over hand, so much so that, even on the backs of the horses seemed almost separate.

But the fugitives knew that when the railway station at El Tarrach and no train was there? The Kincosem officials at such a place would most certainly not be there, and half a dozen in number at the very most, while the lively pursuers were bored at least three score, and would not scruple to steal their blood on the very platform as in the ticket office waiting-room.

But, this thought was more terrible than all that had preceded it, because it held out the prospect of barbarism and civilization into the most ghastly relief, and it was as an effect Frank Donnelly banished the horrid nightmare from his mind, for now, it over, saith out for their lives.

Ah, a thing of silver even to this lesion about, for on the lower ones's mouth a little station, a one-and eather after them the bullets, instead of blasting a hole in the back past their ears, singed into the mind other ones which was a little more yeast than they were gaining ground on their pursuers, at all events for the present, and even that was something to be thankful for.

Oh, on swept the mingled flight and chase, and to Nellie it seemed as though the ridge mists of the desert swept under her horse's hind-shoulders in the wake of the sun. She felt terror no longer, but hunted a kind of fear and horror, as though the mean of her horse had been stifled by a nervous fear.

Their pursuers had by now divided themselves into two bodies, and so that the latter could not get round to their rear, whilst at some little distance in front of them rose a small hill, which, though the sandbox grew ground on their passage, at all events see

The Argus is sent to subscribers until all arrears and a notice is received for the discontinuance of the paper, and all changes in residence must be reported by the Postmaster that the publisher may be notified when a subscriber wishes his paper stopped. All arrearages must be paid.

THIS PAPER may be found at the office of Messrs. S. M. PETTENGILL & CO., Newspaper Advertising Agents, 10 SPRUCE STREET, NEW YORK.

THE ADVOCATE.

HUNTINGDON, MAR. 25, 1886.

Riel's Execution

Endorsed by the Jesuit

94 Majority !

(Special Despatch to the Advocate.)

OTTAWA, March 25.—The vote on the Riel execution was reached last night, the Government being sustained by a majority of 94. Mr. Scriver, member for your county voted for the Government. Mr. Hesson, for Chateauguay, was not present.

On pretty good authority we learn that our political Doctor is so offended at the suggestion that the next local representative for this county should be a farmer, that he is going to take revenge on the hated people of this village and see that no farmer is ever granted them by the council next month. The Doctor ought to be proud to know that there are men in this county sufficiently intelligent to address such a man to the legislative halls of the Province. But how on earth does he propose to keep the farmers out, by putting up no lawyers in the village? Perhaps he hopes to squeeze the hated people into a bargain of giving their vote and influence in return for a lawyer. He knows that many hotels control the farmers, Doctor? Not much, sir! We have nothing to say against the hotel-keepers of Huntingdon; both horses are well conducted, and in this respect are of more service to the temperance cause than will be the unreasoning unlicensed places sure to be called into existence if licenses are refused this year. Besides, the Doctor and the farmers are aware of this fact, too, Doctor.

At the conclusion of his long speech in the House last week, Mr. Blake announced his intention of voting against the Government on the Riel question. Mr. Blake has exceptionally led astray his whole following. Returning from Europe during the Riel agitation, he was lionized by those of his party who had taken sides with the halfbreeds, to join them in their crusade against loyalty. Having declined, saying he had no desire to injure a party or the welfare of the Empire. Only last week the *Gleaner* referred to this honorable gentleman with the greatest respect, at the same time the hon. gentleman was announcing to the country empty seats of the House of Commons that he would vote with the rebels, regretting the execution of Riel. After Riel's first rebellion and the killing of Scott, the people offered a reward of $5,000 for Riel's body dead or alive; now, after a second and more serious offence, we regret the lawful execution of the rebel. Mr. Blake upsetted Judge Richardson, gave the court full jurisdiction, and refused the jury from eight members to six; now he declares the court improperly constituted and the judge unfair and the jury too few to sustain. How will this strike our local contemporary ?

"This *Gleaner* is "riding the Protestant horse" again, and, strange to say, is fully fallen upon this *Globe*. The combat has already lasted for several months, but the *Gleaner* shows signs of weakening, confidence in "horse," and endeavors to win sympathy from the onlookers by declaring that the "horse" is not all there. Here is the way it puts it:

"We must demur to the *Globe's* description as engaged in an attempt to justify the Government's strange conclusion. The correspondence between the Ottawa and Orange committees gave satisfaction and it is only a fair view of the transaction of breaking down the agreement, the proposition of the Executive which when it brought forward could not be accepted by Orangemen."

The *Gleaner* disclaims connection with any association, but we; and of the rules and regulations. We have seen them, we confess ignorance. But we do not suppose for a moment that that other committee, composed of its members which political party they belong to, was engaged in the "rival" referred to above, established by Conservatives for the interest of Conservatives in the country, not for the purpose of "riding the Protestant horse" or "saved Charlie's sake," dear brethren, give us credit a little of the Christian feeling that you have evidently not yet succeeded in finding, and which is the key to the compass for a creed." Believe us, you will find it when the world is big enough for us all.

The majority of farmers have sufficient leisure at certain seasons of the year to devote a little of it from time to time to the consideration of matters which will be directly within their callings; yet of those who take advantage of such opportunities, as they occur, very few are a few who undertake to consider carefully and to study the influences exerted upon this earth by the planets moving in space. Many of these influences are difficult to take it for granted, because they have not been brought to their notice, that the sun gives heat and light, that the moon causes the tides to shoot up and ripen for sunbeam; and that the moon causes the tidal variations in the oceans and adjacent rivers; and are satisfied to dismiss the matter with experience that rain is sometimes beneficial and sometimes baneful. Now, we would not wish to convert people of every other class are satisfied with their profession to turn attention to any new scientific theory or dogma in connection with their professional life, without being laughed at. But in this age of discovery and progress, to search a trial at least should be given to any new idea capable of being put to practical use, especially when the test can be made at small cost, and in the case of astronomy (actually at no expense whatever) as Prof. Walker H. Smith's theory of the influence of the moon on vegetation. Mr. Smith claims, by long continued observations and calculations of his claims, that seed planted at certain times of the year and month will germinate and yield more satisfactorily than at other times, that is to say earlier or later. In advancing this theory he does not claim to gain but the pleasure arising from a knowledge that he is endeavoring to add his mite of knowledge to his fellowman, as he claims to have done in relation to it. His theory is based on scientific facts and continued practical tests, and seed time will soon be here, we would suggest to the farmers of this county that they make a test of their influences by sowing and planting at least a portion of their fields according to Mr. Smith's table of best times to sow, and see for themselves whether there is anything in it or not; no special preparation of the soil will be required, no a special care or the growing crops necessary. The farmer must sow his seed anyway if he would reap in autumn; and if he can improve the crop by Mr. Smith's plan without extra labor or care, why should he not try it? We know several farmers in this section who have tried it with very satisfactory results. Professor Smith has compiling also of great benefit to the farming community and is the world generally, as his services at weather-forecasting. In this he has been more successful than his most sanguine admirers could expect. A glance at our Astronomy and Meteorology department in this issue ought to be sufficient to convince the minds of doubters at the prospect of the opinions of Prof. Smith; and any information from the Orange Lodge will look at our issue of the 4th instant and take note of the forecast for the week ending Saturday (March 20th, next whenever the latter that "there is something in Mr. Smith's theory" in point of fact that forecast agrees almost to a nicety with the actual weather experienced, and the same might be said every week. And when we consider that a similar force acts published in the Almanac for 1886 (written last fall) the scientific value must also acknowledge that a possible to foresee to some extent more than twenty-four hours ahead, notwithstanding what other almanac publishers may say to the contrary. We give in each issue of the Advocate a forecast of the weather for two weeks ahead, prepared specially for this paper by Mrs. Partington.

To the Editor of the Advocate.

SIR,—I see by the report of the county council that on the 11th inst. that I complained about the roads established by names rental of lot 1, I never spoke or complained on the 8th of August last, but was been carried out as to line for said road had been established and asked that a special officer to be appointed to survey and define said roads in said names rental. Also that the Township Council be requested to open the road in front of lot 1 and 2 in the 1st concession of Hinchinbrooke, and give your health.

Dunkipper, 23rd March, 1886.

To the Editor of the Advocate.

SIR,—Will you please say why you notice a letter from Mr. D. M. Ledge that "there is something in Mr. Smith's theory" in point of fact that forecast agrees almost to a nicety with the actual weather experienced, and the same might be said every week. And when we consider that a similar force acts published in Mr. Smith's Almanac for 1886 (written last fall) the scientific value must also acknowledge that it is possible to foresee to some extent more than twenty-four hours ahead, notwithstanding what other almanac publishers may say to the contrary. We give in each issue of the Advocate a forecast of the weather for two weeks ahead, prepared specially for this paper by Mrs. Partington.

Now for the first charge we say; The false, as Mr. Mortheson well knows, for he wrote it, and the rest of our letter will prove this. We have no deep sense of injury to be revoked nothing him for, as he says, "to call a man a liar, a fool, a poor or shrewd," etc. oh, no; we have a good clear conscience, and can him capable of any such act. We have the honor to be, Sir, your very much obliged servants,

THE TRUTH.

Smith; and if farmers and others will but take the trouble to consult them and be carefully guided by them they will no doubt reap the benefit.

For some years there have been some so-to-. satisfaction are cied on in the city of Montreal for the benefits of the statute labor tax, particularly by the working classes, for whom only the tax is applied, and the few friends they have been able to rely upon in the city council, chief among the latter being Alderman Hutchison, who has persistently kept the question before the council ever since his election to that body in 1882. The tax was a commutation of the labor to be performed on the roads, and as all who did not contribute in the city's revenue in the shape of assessment, had to pay the commutation being dissatisfaction with the system voting. Although the tax was small, $1, comparatively few paid it, preferring to suffer the annoyance rather than pay the small amount the principle that the tax was a just one. Its abolition meant the enfranchising of thousands of workingmen, and this accomplished by disfranchising all the upper classes against the movement. But the victory has been accompanied by a defeat. The council has abolished the statute labor tax, but has substituted in its stead a large section of the assessment roll, amounting to a tax of $2 for purposes of revenue. So that while under the previous law the working-man by working eight days could himself on a voters list, under the present enactment he has to under $2. The most satisfactory aspect of the new tax, so far as the taxpayers are concerned, is that it applies alike to rich and poor, without distinction. Brought about by moving that the clause imposing the tax be struck out. His motion was defeated. Other abilities under which the working classes labored by the imposition of the statute labor tax were that it was only applicable to the summer months, and that during the winter there was no revenue for the city. As the new tax is a compulsory one, and all who pay it will be entitled to vote, there must of necessity be a large increase in the number of municipal and provincial electors in the city.

To the Editor of the Advocate.

SIR,—For my part I have been some years in Canada and have never yet seen a better year than 1885. Hay was very plentiful, and there is not a word of truth in the letter which appeared in the Gazette to the contrary.

Yours respectfully,

A FARMER.

To the Editor of the Advocate.

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New Advertisements.

ANNIVERSARY FESTIVAL

OF

St. John's Church, Huntingdon,

ON TUESDAY NEXT.

SERVICE in the Church at 9 o'clock p. m. Sermon by the Rev. Rural Dean Ker. Collection in behalf of Church Debt. Local Ministers are hereby invited to attend. Huntingdon, 23rd March, 1886. 14-1

NOTICE

A Lacrosse Individual Championship Match will be played on the ATHLETIC GROUNDS, Montreal, on MONDAY, April 5th, with resistance. Entrance Fee, Admission 25 cents

Sell and Purchase.

REPLY TO MR. SUPERMAN.

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To the Editor of the Advocate.

FOR THE FARMER.

THE HESSIAN FLY.

This little insect formerly caused great alarm in this country, on account of its injury to that valuable plant—wheat. It was first noticed on Long Island during the Revolutionary War, and it was supposed that it was imported from Europe in the straw used by the Hessian troops in coming to this country; hence its common name. It is so small that it somewhat resembles a mosquito.

At one time the ravages of this fly were so universal as to threaten the destruction of the wheat crop; but it was discovered that not only this, but another species of fly, *Cecidomyia fulvica*, that was injurious to grain, have been kept in bounds by several species of parasitic insects which lay their eggs in the larva of both these flies and destroy them. In this way many injurious parasites are kept within limits.

The Hessian fly commences its depredations in autumn. As soon as the wheat plant begins to sprout, the insect deposits its eggs in the leaves; these hatch and crawl until they reach the stem. In the spring they become changed into the fly, the larva in a cocoon in the ring in the wheat straw, undergoing it, so that when the insects begin to grow lower the head will wither and the grain perish.

The female deposits from one to eight or more eggs on a single plant of wheat, between the sheath of the lower leaf and the stem, near the root; the young larva passes the winter here feeding upon the stem.

Various means have been suggested to destroy these parasites, such as sowing the seed wheat in lime water or disinfectants. It has been suggested that "as soon as the fly is discovered or the pupa found, shown by deposition of eggs, the fleeces, we should carry bright burning wood at night, and the darker the night the better, as the flies will all rush into the fire and be destroy themselves."

The law enacted in the first article—that a high condition of health is incompatible with the continued existence of parasites—proves what common sense and close experience teaches, that the best and most healthy seeds should always be selected.—*Farm and Garden.*

Never set a tree that has souly tops. They will give like the poorest bar clothes.

It is best to breed from mature birds not less than one year old. They give larger eggs, and their chickens will be more uniform in size and plumage.

The first eggs of the litter are always the best for hatching. Although one has produced twenty or thirty eggs, it is perilous to wait for the remainder, as the strain would lose vitality by over growth, and consequently the eggs become impaired in size and quantity if procedure vigorous chickens.

A New York bee-keeper reports that his bee colonies from fifty-four hives were 9916.

A Queen bee lays from 2,000 to 3,000 eggs in ninety-four hours. It is not strange to call "How idle the little bees live!" She deals well, and should be a shining example to the boy less that one only be instructed to by one egg in twenty-three hours, and then only when eggs are sown.

A neat bobtailed cat is deemed indispensable in the apiary. It is well to have several, so that visitors may always be provided with cats and foul nails. During a good yield of honey, one may see among the bees any other day without getting stung, but if a careless a frame be dropped or concealed by which a few bees are maimed, instantly they are up in arms and ready for the fray. At times like this it is very convenient to have a veil to put down over one's face.

Some wide-awake apiarist has discovered that old queen bees, after they have been paid, can, and for the same reason, viz., that they no longer lay many eggs. Three wax, perhaps, sound some to the old-fashioned plan of destroying the old colonies after they are strong and hopping and swarm the new swarms. But perhaps we are now experimenting old swarms by introducing young queens. If so, it will be an important point gained in bee culture.

It is estimated that the cotton, corn sugar and rice crops of the South for the year 1876 will leave in the hand of the farmers, after all expenses have been paid, over $300,000,000. These crops have been cultivated at less cost and yield more before in the history of the South.

"BLACK YOUR BOOTS?!"

POLISHING THE UNDERSTANDING A THOUSAND YEARS AGO.

The Mixture Paid to Pliny's Hap—Imported at Vastus Hirsting—The Virus Wins the 101-Thousand Dollar Suit.

[Richmond Courier.]

It appears to have been customary in the days of Pliny to black boots, and that before the time of Pliny that it is to be inferred from the statement of the latter that the Romans were acquainted with the art of blacking boots. The current History the great lexicon of the Latin tongue, does not enumerate the drugs of the olive, nine the ingredients of the "Roman blacking," but it does give the following account of the process of blacking boots, which is quoted in full, and translated from the original Latin:

"The Romans were acquainted with the art of blacking boots. Their blacking was made of vegetable blue and lamp soot—the latter, by the bye, is the basis of the best blacking now in use. The soot is mixed with gum water, and the mixture is applied to the boots with a sponge. The gum water is prepared by steeping gum arabic in water. The boots are then rubbed with a brush, or hard cloth, and the polish is produced by friction. The Romans had no blacking brushes, but used a piece of cloth for the purpose. They had no blacking boxes, but carried the blacking in a bottle with a narrow mouth, from which it was poured upon the sponge. The bottle is also mentioned by Martial, who says that it was broken by a drunken man, and that the latter was compelled to pay for it. The Romans

ASTRONOMY AND METEOROLOGY.

BY WARTHELL SMITH, MONTREAL

Pondering the Jubilee Assembly and Synod time: Matter of Sunday Pondered: Astronomy Pondered: Meteorology Pondered: Reflections on Dyer Sutherland: Finney's Manner: Reflections of Finney's Weather Indications: Conclusion.

CALENDAR.

Thursday, June 1.—Ascension-day. Lord's day, June 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th.
Friday 26—Queen of Portugal died in 1861.

Sunday 27—Venus at "greatest brilliancy."

Monday.—Third in Lent.

Monday 28—Sun's R.A. 4h. 44m. 42s.

Tuesday 29—Saturn "stationary."

Wednesday 30—Venus in conjunction with Venus.

WEATHER FORECAST.

Week ending Wednesday, March 31st:—Crisp open cold, but soft if followed by cold weather, feels and seems mild—Sometimes fine—with cold weather—dull, and balmy, spring like weather, with early warmth—Windy, windy and misty, blowers about like Atlantic—and St. Lawrence valley—and much rain sometimes and cold. (High name in some weather.)

Week ending Wednesday, April 7th: The month of showers promises a cold and generally "stormy" opening this year with assorted weather—local snows in sections and scatter showers—Cold fronts in the west—cold, wet weather, some stiff breezes and warm winds—showery, unsettled and mild.

* * *

Messrs. R. C. Murray, Texas, and L. Hammond, Virginia, report having harvested positive a sight of the eclipse on March 16th only a minute.

* * *

Moscow has been plainly visible in the evening sky at his eastern elongation.

* * *

Taurus now receives entire larva left unsaid—Nocturnal Glare—" and as per the weather prophet, Mr. Smith or Myself—What if, if you are "cloudy?"

Most real citizen (drinking bumbo)—"So hungry to make your acquaintance, Mr. Smith, I have had many a good laugh over your writings."

* * *

Our succeeding issue will likely be noticed yesterday early this spring. Crows, which are not sagacious, but remain in the woods in winter and come out the first early morning, were noticed on the second days coffee then during the last three years.

* * *

A PRAIRIE PROPHECY.

In Canada, April will be a favorable month. The sugar crop, as before mentioned, will be excellent. Farming of the finest will begin and navigation open the 1st. The month will not however be all sunshine, but is likely, as already stated, to come and end with, like "the second days." giving a marked cool here and there, following, in a dozen scenes of success passing between the sun and earth near the 22nd, and a cool week later. The month will have its "storm period" from "long clouds" to "cold." If the early warmth brings on vegetation rapidly, the cold which is likely may still cause agricultural inconveniences. The month will have more showers and will be favorable, because in between its cold and frosts will be periods of very pleasant marked spring-like weather, extremely favorable to agriculture. Precipitations I would place below the normal this year. Considerable thunder and magnetic activity is probable about the 22nd. Navigation will be in full swing and May open cold, with showers of sleet and rain, some flurries and strong winds.

In the southern and western United States, the month will be dry (the April) and vegetation well advanced see the close. "Northern" most however in the quarter opened, as these will likely have some injury to blossoms, etc. We shall have of tornadoes from towards sections, with electrical disturbances and local floods. Periods of rainy rain will be expected. Farming operations should everywhere be in vigorously. Crops may be expected to be cold, with some blighting winds and frosts. [Montreal, March 31th.

ASTRONOMICAL AND METEOROLOGICAL ASSOCIATION.

PROCEEDINGS OF THE TORONTO BRANCH—INTERESTING MONTHLY MEETING—WITH PAPERS READ.

The third monthly meeting for the year 1876 of the Virginia Branch was held at Dale Enterprise on Saturday, March 4th. There were present: Messrs. L. J. Hawkins (president), C. H. Brock, D. A. Hendricks, John H. Slater and H. A. Taylor, secretary, as well as a number of visitors, among whom were Mr. Rosamond Slater and Mrs. L. J. Hawkins. The Hours were called to order at 2 p.m., the minutes of the last meeting read. In addition to the last meeting in Lenten as read, as follows: "That the Canadian Astronomical and Meteorological Association be now formally organized as a branch of the Royal Canadian Institute, and that the Association of the Province of Ontario be known as the Toronto Branch." He suggested the necessity of electing officers, &c., for ensuing year. After some discussion on motion the entire era inferred until next meeting. The chairman then read a letter from Prof. T. H. Rosebrugh, now the Hon. T. H. Rosebrugh, Minister of Education, entitled a comparative chart prepared by the latter at the request of the chairman observer in the United states signal service.

Mr. H. A. Taylor was called for and read an interesting essay on "Tides and Circles." He explained their various phenomena and the causes which produced them. He made mention of a remarkable phenomena that was to be seen at Bellamy Shore, Pa., and at other points in that state, described as a spring current and cried how spanning the heavens of the sun and moon in the form of a circle. The account of this appeared in the Sunday Morning Star, and was afterwards issued by the United States Signal Service.

By request, two speakers theorems and "Kepler's Law," for those desiring Science" which has already appeared in these columns.

The question of moon and aqueous thus, was taken up and discussed, and adjourned to the next meeting.

In motion, the Hours adjourned to meet again on Saturday, April 1st, 1876.

METEOROLOGICAL.

Special Monthly Report.

TORONTO.

February, 1876, was a month of moderate changes. The mean temperature for the period was 4.16° below the mean of the corresponding periods during the preceding 27 years, while the precipitation, in the form of rain and melted snow, was sharply the monthly was below. It was a period of storms, all classes of which, by hurricanes and wait to be how frequent, from which only a limited number of Ottawa Day was fair and bright and it having a fine day in the month. The most increased severity was passing over the Lakes during the 24th, 25th and 26th, the snow was gone and the hills have disappeared. On the 25th, 26th and 27th, 26—29", maximum 30".

The highest month there were 84 observations made. On 7th of these the wind was blowing from the eight general cardinal points as follows: S. 6; S.W., 10; W., 5; N.W., 2; N., 1; N.E., 2; E., 0; S.E., 2; E., 0; S.E., 2. On 4 occasions the wind was blowing at over sixty miles an hour, while on 5 occasions it was a "strong gale" of at least 50 miles an hour.

The period and above. The Mercury is but 0.01 inch above the mean. The total rainfall is melting instant snow, for the month, it was 1.21 inches. The greatest fall during the same period last year, while the mean for the preceding years was 2.31 inches. The most fell during the month was fell during the 24th, 25th and 26th during the same period in 1875, when 1.21 inches fell. The aggregate snowfall was 10.0 inches.

H. HUDDLESTON HALL,
Observer.

TORONTO.

January 1st gave us no snow on the ground, but the next day there was 5½, scattered at night; 3rd, snowing and very cold; 4th, 5th, 6th, 7th, very cold; very cold; 13th, snowed at night; 14th, very cold; 15th, 16th, 17th, very stormy; 18th and rain; 19th, very stormy, heavy rain; 20th, very stormy, heavy rain and 27th, stormy; 28th, clear and warm; 29th, 30th, 31st, very warm; 1st, very warm; 2nd, very warm; 3rd, snow; 4th, very cold; 5th, very cold; 6th, very cold; 7th,